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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 8

Application Number	
Filing Date	November 12, 2003
First Named Inventor	Michael M. Becker
Art Unit	To Be Assigned 1634
Examiner Name	To Be Assigned 51550N
Attorney Docket Number	GP123-03.DV1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BFA		US- 5,753,437 A	05-19-1998	Steeg et al.	
		US- 6,465,175 B1	10-15-2002	Horn et al.	
		US- 6,297,016 B1	10-02-2001	Egholm et al.	
BFA		US- 6,448,407 B1	09-10-2002	Lee et al.	
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FOREIGN PATENT DOCUMENTS					
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

Examiner Signature	<i>R.D. Linton</i>	Date Considered	3/7/05
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Citations for New Divisional of Serial
No. 10/020,596
Attorney Docket No. GP123-03.DV1
Page 2 of 8

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete	
				Application Number	10/020,596
				Filing Date	December 7, 2001
				First Named Inventor	BECKER
				Group Art Unit	1634
				Examiner Name	Chakrabarti, A. Sisson
Sheet	1	of	1	Attorney Docket Number	GP123-02.UT

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Examiner Signature	<i>B. J. L...</i>	Date Considered	3/2/05
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Substitute for form 1449/PTO		Completeness of Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/020,596
		Filing Date	December 7, 2001
		First Named Inventor	BECKER
		Art Unit	1634
		Examiner Name	Chakrabarti, A. <i>SLISSON</i>
Sheet 2 of 2	Attorney Docket Number	GP123-02.UT	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>BAL</i>		MAJLESSI et al., "Advantages of 2'-O-methyl oligoribonucleotide probes for detecting RNA targets", Nucleic Acids Research, 1998, 26(9):2224-2229	
		MARUYAMA et al., "Characterization of Interpolyelectrolyte Complexes between Double-Stranded DNA and Polylysine Comb-Type Copolymers Having Hydrophilic Side Chains", Bioconjugate Chem., 1998, 9:292-299	
<i>BAL</i>		TYAGI et al., "Molecular Beacons: Probes that Fluoresce upon Hybridization", Nature Biotechnology, 1996, 14:303-308	

Examiner Signature	<i>B. L. Slisson</i>	Date Considered	3/7/05
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/020,596
		Filing Date	December 7, 2001
		First Named Inventor	BECKER
		Art Unit	1634
		Examiner Name	Chakrabarti, A. Sisson
Sheet 1 of 2	Attorney Docket Number	GP123-02.UT	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BAL		US- 4,834,854	05-30-1989	Sugihara et al.	
BAL		US- 5,747,254-A	05-05-1998	Pontius	
BAL		US- 6,017,700-A	01-25-2000	Horn et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
BAL		WO 95/06056 A1	03-02-1995	University of Medicine & Dentistry of New Jersey		
		WO 97/43450 A1	11-20-1997	Affymetrix, Inc.		
		WO 00/72016 A1	11-30-2000	Caliper Technologies Corp.		
BAL		WO 03018841 A	06-03-2003	Circle for the Promotion of Science & Engineering		

*English Language Abstract Attached

Examiner Signature	AS Sisson	Date Considered	3/7/05
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Compleat If Known	
				Application Number	10/020,596
				Filing Date	Dec mber 7, 2001
				First Named Inventor	BECKER
				Group Art Unit	4648-1634
				Examiner Name	HILL, M. Sisson
				Attorney Docket Number	GP123-02.UT
Sheet	1	of	4		

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Examiner Signature	B. J. Lison	Date Considered	3/7/05
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Substitute for form 1449B/PTO.				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/020,596
				Filing Date	December 7, 2001
				First Named Inventor	BECKER
				Group Art Unit	4648-1634
				Examiner Name	HILL, M. Sisson
Sheet	2	of	4	Attorney Docket Number	GP123-02.UT

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BtJ		ASAYAMA et al., "Design of Comb-Type Polyamine Copolymers for a Novel pH-Sensitive DNA Carrier", Bioconjug Chem, 1997 Nov-Dec;8(6):833-8, American Chemical Society, US	
		BLOOMFIELD, "Condensation of DNA by Multivalent Cations: Considerations on Mechanism", Biopolymers, 1991 Nov;31(13):1471-81, John Wiley & Sons Incorporated, US	
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		FERDOUS et al., "Comb-Type Copolymer: Stabilization of Triplex DNA and Possible Application in Antigen Strategy", J Pharm Sci, 1998 Nov;87(11):1400-3, American Pharmaceutical Association, US	
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BtJ		MAJLESSI et al., "Advantages of 2'-O-methyl oligoribonucleotide probes for detecting RNA targets", Nucleic Acids Res, 1998 May 1;26(9):2224-9, Oxford University Press, GB	

Examiner Signature <i>BtJ. Sisson</i>	Date Considered <i>3/2/05</i>
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				Group Art Unit	1648-1634
				Examiner Name	HILL, M. SLESSON
Sheet	3	of	4	Attorney Docket Number	GP123-02.UT

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B.L.		MARUYAMA et al., "Characterization of Interpolyelectrolyte Complexes between Double-Stranded DNA and Polylysine Comb-Type Copolymers Having Hydrophilic Side Chains", Bioconjug Chem, 1998 Mar-Apr;9(2):292-9, American Chemical Society, US	
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		TORIGOE et al., "Poly(L-lysine)-graft-dextran Copolymer Promotes Pyrimidine Motif Triplex DNA Formation at Physiological pH", J Biol Chem, 1999 Mar 5;274(10):6161-7, American Society for Biochemistry and Molecular Biology, US	
		TORIGOE et al., "Promotion mechanism of triplex DNA formation by comb-type polycations: Thermodynamic analyses of sequence specificity and ionic strength dependence", Nucleic Acids Symp Ser, 1999;42:137-8, Oxford University Press, GB	
		TRUBETSKOY et al., "Layer-by-layer deposition of oppositely charged polyelectrolytes on the surface of condensed DNA particles", Nucleic Acids Res, 1999 Aug 1;27(15):3090-5, Oxford University Press, GB	
B.L.		WAHL et al., "Efficient transfer of large DNA fragments from agarose gels to diazobenzoyloxymethyl-paper and rapid hybridization by using dextran sulfate", Proc Natl Acad Sci USA, 1979 Aug;76(8):3683-7, National Academy Press, US	

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Sheet	4	of	4
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